

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/037789 A3

(51) International Patent Classification⁷: **C07D 213/68**,
213/75, 401/12, 413/12, 409/12, 417/12, A61K 31/44,
31/4427, A61P 29/00

(74) Common Representative: **MERCK PATENT GMBH**;
Frankfurter Strasse 250, 64293 Darmstadt (DE).

(21) International Application Number:
PCT/EP2003/011134

(22) International Filing Date: 8 October 2003 (08.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02023906.7 24 October 2002 (24.10.2002) EP
60/490,285 28 July 2003 (28.07.2003) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **MERCK
PATENT GMBH** [DE/DE]; Frankfurter Strasse 250,
64293 Darmstadt (DE).

Published:
— with international search report

(72) Inventors; and
(75) Inventors/Applicants (*for US only*): **BUCHSTALLER**,
Hans-Peter [AT/DE]; Heinrichstrasse 54, 64331 Weiter-
stadt (DE). **WIESNER**, Matthias [DE/DE]; Beethoven-
ring 10, 64342 Seeheim-Jugenheim (DE). **SCHADT**,
Oliver [DE/DE]; Eschenstrasse 32, 63517 Rodenbach
(DE). **AMENDT**, Christiane [DE/DE]; Barkhausstrasse
22, 64289 Darmstadt (DE). **ZENKE**, Frank [DE/DE];
Schulzengasse 7, 64291 Darmstadt (DE). **SIRRENBURG**,
Christian [DE/DE]; Taunusstrasse 10, 64289 Darmstadt
(DE). **GRELL**, Matthias [DE/DE]; Lindenweg 44,
64291 Darmstadt (DE). **FINSINGER**, Dirk [DE/DE]; Im
Fiedlersee 5, 64291 Darmstadt (DE).

(88) Date of publication of the international search report:
28 October 2004

(48) Date of publication of this corrected version:
16 December 2004

(15) Information about Correction:
see PCT Gazette No. 51/2004 of 16 December 2004, Sec-
tion II

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: METHYLENE UREA DERIVATIVES AS RAF-KINASE INHIBITORS

(57) Abstract: The present invention relates to methylene urea derivatives of formula (I), the use of the compounds of formula (I) as inhibitors of raf-kinase, the use of the compounds of formula (I) for the manufacture of a pharmaceutical composition and a method of treatment, comprising administering said pharmaceutical composition to a patient.

WO 2004/037789 A3

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/037789 A3

- (51) International Patent Classification⁷: **C07D 213/68**, 213/75, 401/12, 413/12, 409/12, 417/12, A61K 31/44, 31/4427, A61P 29/00
- (21) International Application Number:
PCT/EP2003/011134
- (22) International Filing Date: 8 October 2003 (08.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02023906.7 24 October 2002 (24.10.2002) EP
60/490,285 28 July 2003 (28.07.2003) US
- (71) Applicant (*for all designated States except US*): **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **BUCHSTALLER, Hans-Peter** [AT/DE]; Heinrichstrasse 54, 64331 Weiterstadt (DE). **WIESNER, Matthias** [DE/DE]; Beethovenring 10, 64342 Seeheim-Jugenheim (DE). **SCHADT, Oliver** [DE/DE]; Eschenstrasse 32, 63517 Rodenbach (DE). **AMENDT, Christiane** [DE/DE]; Barkhausstrasse 22, 64289 Darmstadt (DE). **ZENKE, Frank** [DE/DE]; Schulzengasse 7, 64291 Darmstadt (DE). **SIRRENBURG, Christian** [DE/DE]; Taunusstrasse 10, 64289 Darmstadt (DE). **GRELL, Matthias** [DE/DE]; Lindenweg 44, 64291 Darmstadt (DE). **FINSINGER, Dirk** [DE/DE]; Im Fiedlersee 5, 64291 Darmstadt (DE).
- (74) Common Representative: **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:
28 October 2004
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHYLENE UREA DERIVATIVES AS RAF-KINASE INHIBITORS

(57) Abstract: The present invention relates to methylene urea derivatives of formula (I), the use of the compounds of formula (I) as inhibitors of raf-kinase, the use of the compounds of formula (I) for the manufacture of a pharmaceutical composition and a method of treatment, comprising administering said pharmaceutical composition to a patient.

WO 2004/037789 A3

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11134

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D213/68 C07D213/75 C07D401/12 C07D413/12 C07D409/12
C07D417/12 A61K31/44 A61K31/4427 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/38324 A (LOVELL PETER JOHN ; DEAN DAVID KENNETH (GB); SMITHKLINE BEECHAM PLC (G) 31 May 2001 (2001-05-31)	1-3, 7-32
Y	see examples 78-81 and claims 1, 11-15	1-32
X	WO 02/24679 A (SHIMADA MITSUYUKI ; BAYER AG (DE); ZIEGELBAUER KARL B (DE); KORIYAMA Y) 28 March 2002 (2002-03-28)	1-3, 7, 8, 10-15, 17-23, 26-28, 30-32
	see e.g. example 32-14 and claims 1-4, 6, 7, 9-15	
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

23 July 2004

Date of mailing of the international search report

18. 08. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Traegler-Goeldel, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11134

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 02/062750 A (SCHERING CORP) 15 August 2002 (2002-08-15)</p> <p>see compound CU on p. 25, compound III on p. 45 and compound 33 page 70; claims 1,2,30,33-37</p>	<p>1-3,7, 10-15, 17-23, 26-28, 30-32</p>
X	<p>EP 0 839 803 A (SS PHARMACEUTICAL CO) 6 May 1998 (1998-05-06)</p> <p>claims 1-3,5,6; examples 1-36</p>	<p>1-3,7, 10-15, 19,20, 22,23, 26-28, 30-32</p>
X	<p>DE 199 47 457 A (AVENTIS PHARMA GMBH) 5 April 2001 (2001-04-05)</p> <p>claims 1-3; examples 5A,5B</p>	<p>1-3,7, 10-15, 19,23, 26-28, 30-32</p>
X	<p>WO 02/12210 A (BERNARDON JEAN MICHEL ;CLARY LAURENCE (FR); GALDERMA RES & DEV (FR) 14 February 2002 (2002-02-14)</p> <p>claims 1,10,15,18; examples 9,10</p>	<p>1-3,7, 10-15, 17,19, 20, 26-28, 30-32</p>
Y	<p>SMITH R A ET AL: "DISCOVERY OF HETEROCYCLIC UREAS AS A NEW CLASS OF RAF KINASE INHIBITORS: IDENTIFICATION OF A SECOND GENERATION LEAD BY A COMBINATORIAL CHEMISTRY APPROACH" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 11, no. 20, 2001, pages 2775-2778, XP001118699 ISSN: 0960-894X see lead compound 89</p>	<p>1-32</p>
Y	<p>WO 02/062763 A (RIEDL BERND ;LOWINGER TIMOTHY B (JP); DUMAS JACQUES (US); RENICK J) 15 August 2002 (2002-08-15) tables 1-6, claims 1-33</p>	<p>1-32</p>

-/--

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11134

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 057 636 A (PETERSEN HANS JORGEN) 8 November 1977 (1977-11-08) see the 5 benzylderivatives of table A and examples 37 and 57, its production and pharmacological activity -----	1,2,7, 10-15, 19,23, 26-28,31
X	US 5 441 984 A (HEATH, WILLIAM F., JR. ET AL) 15 August 1995 (1995-08-15) see examples 6 and 10, its production and activity -----	1,2,7, 10-15, 19,23, 26-28,31
X,P	HOPKINS, THUTAM P. ET AL: "Solid-Phase Synthesis of Trisubstituted Guanidines" JOURNAL OF COMBINATORIAL CHEMISTRY, 4(2), 167-174 CODEN: JCCHFF; ISSN: 1520-4766, 2002, XP002289534 see compound with RN 409080-96-2 and its production -----	1-3, 30-32
X	WO 00/61561 A1 (SHIONOGI BIORESEARCH CORP., USA) 19 October 2000 (2000-10-19) see inter alia many especially example 26, its production and activity -----	1,2,7, 10-15, 17,18, 21,22, 26-28, 30-32
X	WO 00/61559 A1 (SHIONOGI RESEARCH CORP., USA) 19 October 2000 (2000-10-19) see e.g. examples 14-16 and scheme on p. 16 -----	1-3,7, 10-15, 17,18, 21,22, 26-28
X	WO 95/18126 A1 (FUJISAWA PHARMACEUTICAL CO., LTD., JAPAN) 6 July 1995 (1995-07-06) see compound with CAS RN 168971-19-5 -----	1,2,7, 10-15, 19,20, 22,23, 26-28
X	WO 02/02534 A1 (ASTRAZENECA AB, SWED.; ASTRAZENECA UK LTD.) 10 January 2002 (2002-01-10) see examples 6, 16 and 31 -----	1,2,7,8, 10-15, 17,18, 21,22, 26-28

-/--

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11134

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/57008 A1 (BASF AKTIENGESELLSCHAFT, GERMANY) 9 August 2001 (2001-08-09)</p> <p>see e.g. inter alia examples 24 and 26-31 and in combination with scheme II</p> <p>-----</p>	<p>1,2,7,8, 10-15, 17,18, 20-22, 26-28,31</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP 03/11134

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 1-3, 7-32(part)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-3, 7-32(part)

Present claims 1 to 3, 7 to 32 relate to an extremely large number of possible compounds, processes for their production, compositions and methods. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible.

Furthermore, the initial phase of the search revealed a very large number of documents relevant to the issue of novelty. So many documents were retrieved that it is impossible to determine which parts of the claim(s) may be said to define subject-matter for which protection might legitimately be sought (Article 6 PCT).

For these two reasons, a meaningful search over the whole breadth of the claims 1 to 3 and 7 to 32 is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely the search has been restricted to the compounds of claim 4 to 6 and the claims depending thereon, but only as far as as the specified compounds of claims 4, 5 and 6 are concerned.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11134

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0138324	A	31-05-2001	AU 1529901 A	04-06-2001
			AU 1623601 A	04-06-2001
			BR 0015532 A	25-06-2002
			CA 2395564 A1	31-05-2001
			CZ 20021746 A3	16-10-2002
			EP 1232153 A2	21-08-2002
			EP 1233769 A1	28-08-2002
			WO 0138324 A2	31-05-2001
			HU 0203403 A2	28-02-2003
			JP 2003514860 T	22-04-2003
			JP 2003514906 T	22-04-2003
			NO 20022318 A	15-05-2002
			NZ 518032 A	27-02-2004
			PL 355912 A1	31-05-2004
			TR 200201364 T2	21-10-2002
			WO 0137835 A1	31-05-2001
			ZA 200203987 A	25-11-2003
WO 0224679	A	28-03-2002	JP 2002114777 A	16-04-2002
			AU 8987301 A	02-04-2002
			AU 8987501 A	02-04-2002
			AU 9185201 A	02-04-2002
			BG 107632 A	28-11-2003
			BR 0114073 A	17-06-2003
			CA 2422923 A1	28-03-2002
			CN 1476442 T	18-02-2004
			WO 0224679 A1	28-03-2002
			WO 0224651 A1	28-03-2002
			WO 0224693 A1	28-03-2002
			EP 1326856 A1	16-07-2003
			HU 0303124 A2	29-12-2003
			MA 25836 A1	01-07-2003
			NO 20031307 A	21-03-2003
			SK 3452003 A3	08-01-2004
			US 6562811 B1	13-05-2003
WO 02062750	A	15-08-2002	BR 0206955 A	09-03-2004
			CA 2436659 A1	15-08-2002
			CZ 20032122 A3	15-10-2003
			EP 1368308 A1	10-12-2003
			HU 0304060 A2	28-04-2004
			NO 20033505 A	07-10-2003
			SK 9952003 A3	08-01-2004
			WO 02062750 A1	15-08-2002
			US 2003096844 A1	22-05-2003
			US 2003232859 A1	18-12-2003
EP 0839803	A	06-05-1998	CA 2218300 A1	30-04-1998
			CN 1181377 A , B	13-05-1998
			EP 0839803 A1	06-05-1998
			JP 10182588 A	07-07-1998
			KR 272930 B1	15-11-2000
			TW 438749 B	07-06-2001
			US 5922767 A	13-07-1999
DE 19947457	A	05-04-2001	DE 19947457 A1	05-04-2001
			AU 766365 B2	16-10-2003
			AU 7777800 A	10-05-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11134

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19947457 A		BR 0014465 A	11-06-2002
		CA 2385859 A1	12-04-2001
		CN 1373750 T	09-10-2002
		CZ 20021144 A3	12-06-2002
		EE 200200160 A	15-04-2003
		WO 0125189 A1	12-04-2001
		EP 1222163 A1	17-07-2002
		HR 20020264 A2	29-02-2004
		HU 0203505 A2	28-03-2003
		JP 2003511363 T	25-03-2003
		NO 20021398 A	31-05-2002
		PL 354322 A1	12-01-2004
		SK 4382002 A3	06-08-2002
		TR 200200883 T2	23-09-2002
		US 2003171351 A1	11-09-2003
		US 2004102513 A1	27-05-2004
		US 6531495 B1	11-03-2003
		ZA 200202521 A	30-10-2002
WO 0212210 A	14-02-2002	FR 2812876 A1	15-02-2002
		AU 8598101 A	18-02-2002
		BR 0113251 A	24-06-2003
		CA 2418895 A1	14-02-2002
		CN 1468226 T	14-01-2004
		EP 1309575 A1	14-05-2003
		WO 0212210 A1	14-02-2002
		JP 2004505958 T	26-02-2004
		US 2004039038 A1	26-02-2004
WO 02062763 A	15-08-2002	US 2002165394 A1	07-11-2002
		WO 02062763 A2	15-08-2002
US 4057636 A	08-11-1977	GB 1489879 A	26-10-1977
		AT 346357 B	10-11-1978
		AT 936075 A	15-03-1978
		AU 8712775 A	09-06-1977
		BE 836885 A1	21-06-1976
		CA 1067083 A1	27-11-1979
		CH 618429 A5	31-07-1980
		DD 122529 A5	12-10-1976
		DE 2557438 A1	24-06-1976
		DE 2560633 C2	08-09-1988
		DK 572975 A ,B,	21-06-1976
		ES 443725 A1	16-04-1977
		FI 753520 A ,B,	21-06-1976
		FR 2294703 A1	16-07-1976
		IE 42141 B1	04-06-1980
		IT 1062213 B	20-09-1983
		JP 1305959 C	13-03-1986
		JP 51086474 A	29-07-1976
		JP 60028819 B	06-07-1985
		LU 74071 A1	11-11-1976
		NL 7514852 A ,B,	22-06-1976
		PH 12506 A	18-04-1979
		SE 424637 B	02-08-1982
		SE 7514153 A	21-06-1976
		SU 683615 A3	30-08-1979
		US RE31244 E	17-05-1983

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11134

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4057636	A		YU	316275 A1	28-02-1982
			ZA	7507481 A	26-01-1977
US 5441984	A	15-08-1995	NONE		
WO 0061561	A1	19-10-2000	AU	4080300 A	14-11-2000
			US	6255323 B1	03-07-2001
WO 0061559	A1	19-10-2000	AU	4076500 A	14-11-2000
WO 9518126	A1	06-07-1995	AU	1283195 A	17-07-1995
			JP	9507222 T	22-07-1997
WO 0202534	A1	10-01-2002	AU	1675802 A	14-01-2002
WO 0157008	A1	09-08-2001	AU	3669801 A	14-08-2001
			BG	107062 A	30-04-2003
			BR	0108085 A	18-03-2003
			CA	2398754 A1	09-08-2001
			CN	1422262 T	04-06-2003
			EP	1254123 A1	06-11-2002
			HU	0300359 A2	28-06-2003
			JP	2003521543 T	15-07-2003
			NO	20023713 A	04-10-2002
			SK	12712002 A3	04-02-2003
			US	2003153568 A1	14-08-2003